

**Project Design Phase-I Proposed
Solution**

Date	15 October 2022
Team ID	PNT2022TMID22887
Project Name	Gas Leakage Monitoring and Alerting System for Industries
Maximum Marks	2 Marks

Proposed Solution:

S.no	Parameter	Description
1.	Problem Statement (Problem to be solved)	Create an effective system and application that can watch over and notify users(workers).
2.	Idea / Solution description	<ul style="list-style-type: none">○ Make a system and application that is efficient and can keep an eye on and alert people.○ The gas sensors will be fitted at different locations to track gas leaks.○ If a gas leak is discovered in any region, the administrators will be alerted along with the location.○ In the web application, admins can view the sensor parameters.
3.	Novelty / Uniqueness	<ul style="list-style-type: none">○ Fastest alerts to the workers○ User friendly
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none">○ Cost efficient○ Easy installation and provide efficient results○ Can work with irrespective of fear
5.	Business Model (Revenue Model)	<ul style="list-style-type: none">○ The product is advertised all over the platforms. Since it is economical, even helps small scale industries from disasters.○ As the product usage can be understood by everyone, it is easy for them to use it properly for their safest organization

6.	Scalability of the Solution	<ul style="list-style-type: none"> ○ Since the product is cost efficient, it can be placed in many places in the industries. ○ Even when the gas leakage is more, the product sense the accurate values and alerts the workers effectively
----	-----------------------------	--